

Abstract of the Disclosure

The present invention provides a method for a flexible multimode operation of spread spectrum receivers, e.g., global navigation satellite system (GNSS) receivers, using a shared circuitry hardware configuration of the receiver for processing of

5 different types of code division multiple access (CDMA) signals. According to said method the receiver utilizes shared channel circuitry to receive signals of different CDMA types providing a flexible multimode operation. The present invention provides a way to select the received signal type for each channel by replacing the dedicated channels with multimode channels suitable to multiple types of receiver

10 signals. The multimode receiver is more flexible to operate in varying reception conditions. By utilizing shared channel circuitry the hardware size is kept small.